

Sistemas Lineales (A)

Resuelva cada sistema de ecuaciones.

1. $4u + 2z = 14$
 $2u + 4z = 22$

5. $5b + 5z = 40$
 $5b + 3z = 28$

2. $5c + u = 26$
 $3c + 2u = 17$

6. $6c + u = 41$
 $2c + 2u = 22$

3. $2c + u = 9$
 $6c + u = 21$

7. $4a + 3v = 32$
 $2a + v = 14$

4. $2a + 6b = 16$
 $4a + b = 21$

8. $4a + 2v = 18$
 $a + 2v = 9$

Sistemas Lineales (A) Respuestas

Resuelva cada sistema de ecuaciones.

1. $4u + 2z = 14$
 $2u + 4z = 22$
 $u = 1, z = 5$

5. $5b + 5z = 40$
 $5b + 3z = 28$
 $b = 2, z = 6$

2. $5c + u = 26$
 $3c + 2u = 17$
 $c = 5, u = 1$

6. $6c + u = 41$
 $2c + 2u = 22$
 $c = 6, u = 5$

3. $2c + u = 9$
 $6c + u = 21$
 $c = 3, u = 3$

7. $4a + 3v = 32$
 $2a + v = 14$
 $a = 5, v = 4$

4. $2a + 6b = 16$
 $4a + b = 21$
 $a = 5, b = 1$

8. $4a + 2v = 18$
 $a + 2v = 9$
 $a = 3, v = 3$

Sistemas Lineales (B)

Resuelva cada sistema de ecuaciones.

1. $v + 2y = 10$
 $3v + 2y = 18$

5. $b + 2u = 10$
 $6b + 6u = 48$

2. $5b + 2v = 27$
 $4b + 3v = 30$

6. $3c + 4z = 42$
 $c + 6z = 42$

3. $6a + 3x = 21$
 $6a + 2x = 16$

7. $6b + 5v = 44$
 $4b + 4v = 32$

4. $6u + 3x = 12$
 $u + 6x = 13$

8. $6c + 3v = 27$
 $6c + 4v = 28$

Sistemas Lineales (B) Respuestas

Resuelva cada sistema de ecuaciones.

1. $v + 2y = 10$
 $3v + 2y = 18$
 $v = 4, y = 3$

5. $b + 2u = 10$
 $6b + 6u = 48$
 $b = 6, u = 2$

2. $5b + 2v = 27$
 $4b + 3v = 30$
 $b = 3, v = 6$

6. $3c + 4z = 42$
 $c + 6z = 42$
 $c = 6, z = 6$

3. $6a + 3x = 21$
 $6a + 2x = 16$
 $a = 1, x = 5$

7. $6b + 5v = 44$
 $4b + 4v = 32$
 $b = 4, v = 4$

4. $6u + 3x = 12$
 $u + 6x = 13$
 $u = 1, x = 2$

8. $6c + 3v = 27$
 $6c + 4v = 28$
 $c = 4, v = 1$

Sistemas Lineales (C)

Resuelva cada sistema de ecuaciones.

1. $4c + 3y = 20$
 $4c + 4y = 24$

5. $2v + 5x = 9$
 $3v + 4x = 10$

2. $3a + 6x = 45$
 $5a + 3x = 40$

6. $b + 4x = 13$
 $4b + 5x = 19$

3. $4c + 4u = 32$
 $2c + u = 10$

7. $4u + 3y = 24$
 $2u + 6y = 30$

4. $3a + 3u = 27$
 $2a + 6u = 42$

8. $6u + 2v = 8$
 $3u + 4v = 7$

Sistemas Lineales (C) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 4c + 3y = 20 \\ & 4c + 4y = 24 \\ & c = 2, y = 4 \end{aligned}$$

$$\begin{aligned} 5. \quad & 2v + 5x = 9 \\ & 3v + 4x = 10 \\ & v = 2, x = 1 \end{aligned}$$

$$\begin{aligned} 2. \quad & 3a + 6x = 45 \\ & 5a + 3x = 40 \\ & a = 5, x = 5 \end{aligned}$$

$$\begin{aligned} 6. \quad & b + 4x = 13 \\ & 4b + 5x = 19 \\ & b = 1, x = 3 \end{aligned}$$

$$\begin{aligned} 3. \quad & 4c + 4u = 32 \\ & 2c + u = 10 \\ & c = 2, u = 6 \end{aligned}$$

$$\begin{aligned} 7. \quad & 4u + 3y = 24 \\ & 2u + 6y = 30 \\ & u = 3, y = 4 \end{aligned}$$

$$\begin{aligned} 4. \quad & 3a + 3u = 27 \\ & 2a + 6u = 42 \\ & a = 3, u = 6 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6u + 2v = 8 \\ & 3u + 4v = 7 \\ & u = 1, v = 1 \end{aligned}$$

Sistemas Lineales (D)

Resuelva cada sistema de ecuaciones.

1. $3a + u = 8$
 $4a + 2u = 12$

5. $2c + 4v = 24$
 $5c + 6v = 48$

2. $5a + x = 10$
 $4a + 6x = 34$

6. $c + 5u = 7$
 $4c + 6u = 14$

3. $5a + 4z = 9$
 $3a + 3z = 6$

7. $4v + 3x = 22$
 $3v + 6x = 24$

4. $2y + 4z = 10$
 $5y + 5z = 15$

8. $6b + u = 35$
 $3b + 6u = 45$

Sistemas Lineales (D) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 3a + u = 8 \\ & 4a + 2u = 12 \\ & a = 2, u = 2 \end{aligned}$$

$$\begin{aligned} 5. \quad & 2c + 4v = 24 \\ & 5c + 6v = 48 \\ & c = 6, v = 3 \end{aligned}$$

$$\begin{aligned} 2. \quad & 5a + x = 10 \\ & 4a + 6x = 34 \\ & a = 1, x = 5 \end{aligned}$$

$$\begin{aligned} 6. \quad & c + 5u = 7 \\ & 4c + 6u = 14 \\ & c = 2, u = 1 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5a + 4z = 9 \\ & 3a + 3z = 6 \\ & a = 1, z = 1 \end{aligned}$$

$$\begin{aligned} 7. \quad & 4v + 3x = 22 \\ & 3v + 6x = 24 \\ & v = 4, x = 2 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2y + 4z = 10 \\ & 5y + 5z = 15 \\ & y = 1, z = 2 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6b + u = 35 \\ & 3b + 6u = 45 \\ & b = 5, u = 5 \end{aligned}$$

Sistemas Lineales (E)

Resuelva cada sistema de ecuaciones.

1. $6b + 6z = 24$
 $b + 5z = 12$

5. $c + 4v = 19$
 $2c + v = 10$

2. $4c + 4u = 28$
 $6c + 3u = 24$

6. $6c + y = 24$
 $2c + 4y = 30$

3. $4v + 2y = 20$
 $4v + 5y = 26$

7. $5a + 2x = 27$
 $a + 2x = 7$

4. $3v + y = 8$
 $4v + 6y = 34$

8. $3a + 5c = 26$
 $6a + c = 16$

Sistemas Lineales (E) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6b + 6z = 24 \\ & b + 5z = 12 \\ & b = 2, z = 2 \end{aligned}$$

$$\begin{aligned} 5. \quad & c + 4v = 19 \\ & 2c + v = 10 \\ & c = 3, v = 4 \end{aligned}$$

$$\begin{aligned} 2. \quad & 4c + 4u = 28 \\ & 6c + 3u = 24 \\ & c = 1, u = 6 \end{aligned}$$

$$\begin{aligned} 6. \quad & 6c + y = 24 \\ & 2c + 4y = 30 \\ & c = 3, y = 6 \end{aligned}$$

$$\begin{aligned} 3. \quad & 4v + 2y = 20 \\ & 4v + 5y = 26 \\ & v = 4, y = 2 \end{aligned}$$

$$\begin{aligned} 7. \quad & 5a + 2x = 27 \\ & a + 2x = 7 \\ & a = 5, x = 1 \end{aligned}$$

$$\begin{aligned} 4. \quad & 3v + y = 8 \\ & 4v + 6y = 34 \\ & v = 1, y = 5 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3a + 5c = 26 \\ & 6a + c = 16 \\ & a = 2, c = 4 \end{aligned}$$

Sistemas Lineales (F)

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6c + 5v = 41 \\ & 3c + 6v = 24 \end{aligned}$$

$$\begin{aligned} 5. \quad & 2c + 6y = 36 \\ & 2c + 2y = 16 \end{aligned}$$

$$\begin{aligned} 2. \quad & 2b + y = 10 \\ & 4b + 6y = 36 \end{aligned}$$

$$\begin{aligned} 6. \quad & 2a + 3x = 13 \\ & 5a + 2x = 16 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5u + 6v = 33 \\ & 5u + v = 18 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2v + 4x = 32 \\ & 6v + 4x = 56 \end{aligned}$$

$$\begin{aligned} 4. \quad & x + 4y = 26 \\ & 2x + 5y = 37 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6a + 4u = 56 \\ & 2a + 2u = 22 \end{aligned}$$

Sistemas Lineales (F) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 6c + 5v = 41 \\ & 3c + 6v = 24 \\ & c = 6, v = 1 \end{aligned}$$

$$\begin{aligned} 5. \quad & 2c + 6y = 36 \\ & 2c + 2y = 16 \\ & c = 3, y = 5 \end{aligned}$$

$$\begin{aligned} 2. \quad & 2b + y = 10 \\ & 4b + 6y = 36 \\ & b = 3, y = 4 \end{aligned}$$

$$\begin{aligned} 6. \quad & 2a + 3x = 13 \\ & 5a + 2x = 16 \\ & a = 2, x = 3 \end{aligned}$$

$$\begin{aligned} 3. \quad & 5u + 6v = 33 \\ & 5u + v = 18 \\ & u = 3, v = 3 \end{aligned}$$

$$\begin{aligned} 7. \quad & 2v + 4x = 32 \\ & 6v + 4x = 56 \\ & v = 6, x = 5 \end{aligned}$$

$$\begin{aligned} 4. \quad & x + 4y = 26 \\ & 2x + 5y = 37 \\ & x = 6, y = 5 \end{aligned}$$

$$\begin{aligned} 8. \quad & 6a + 4u = 56 \\ & 2a + 2u = 22 \\ & a = 6, u = 5 \end{aligned}$$

Sistemas Lineales (G)

Resuelva cada sistema de ecuaciones.

1. $3u + 6y = 24$
 $u + 5y = 17$

5. $u + 3x = 22$
 $6u + 2x = 36$

2. $5y + 4z = 41$
 $2y + 5z = 30$

6. $c + 3y = 7$
 $c + 6y = 13$

3. $2c + 5x = 25$
 $4c + 2x = 26$

7. $3c + 4u = 28$
 $2c + 6u = 32$

4. $3u + 2y = 18$
 $u + 2y = 10$

8. $4a + z = 22$
 $3a + 5z = 42$

Sistemas Lineales (G) Respuestas

Resuelva cada sistema de ecuaciones.

1. $3u + 6y = 24$
 $u + 5y = 17$
 $u = 2, y = 3$

5. $u + 3x = 22$
 $6u + 2x = 36$
 $u = 4, x = 6$

2. $5y + 4z = 41$
 $2y + 5z = 30$
 $y = 5, z = 4$

6. $c + 3y = 7$
 $c + 6y = 13$
 $c = 1, y = 2$

3. $2c + 5x = 25$
 $4c + 2x = 26$
 $c = 5, x = 3$

7. $3c + 4u = 28$
 $2c + 6u = 32$
 $c = 4, u = 4$

4. $3u + 2y = 18$
 $u + 2y = 10$
 $u = 4, y = 3$

8. $4a + z = 22$
 $3a + 5z = 42$
 $a = 4, z = 6$

Sistemas Lineales (H)

Resuelva cada sistema de ecuaciones.

1. $2a + 6c = 14$
 $a + 5c = 11$

5. $a + 3y = 23$
 $4a + 2y = 32$

2. $4c + 6y = 46$
 $5c + 5y = 45$

6. $6a + 5v = 55$
 $6a + 6v = 60$

3. $2x + 5y = 15$
 $6x + 6y = 36$

7. $3v + 6z = 21$
 $v + 6z = 19$

4. $2c + v = 13$
 $c + 5v = 20$

8. $4v + 5y = 29$
 $5v + y = 10$

Sistemas Lineales (H) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 2a + 6c = 14 \\ & a + 5c = 11 \\ & a = 1, c = 2 \end{aligned}$$

$$\begin{aligned} 5. \quad & a + 3y = 23 \\ & 4a + 2y = 32 \\ & a = 5, y = 6 \end{aligned}$$

$$\begin{aligned} 2. \quad & 4c + 6y = 46 \\ & 5c + 5y = 45 \\ & c = 4, y = 5 \end{aligned}$$

$$\begin{aligned} 6. \quad & 6a + 5v = 55 \\ & 6a + 6v = 60 \\ & a = 5, v = 5 \end{aligned}$$

$$\begin{aligned} 3. \quad & 2x + 5y = 15 \\ & 6x + 6y = 36 \\ & x = 5, y = 1 \end{aligned}$$

$$\begin{aligned} 7. \quad & 3v + 6z = 21 \\ & v + 6z = 19 \\ & v = 1, z = 3 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2c + v = 13 \\ & c + 5v = 20 \\ & c = 5, v = 3 \end{aligned}$$

$$\begin{aligned} 8. \quad & 4v + 5y = 29 \\ & 5v + y = 10 \\ & v = 1, y = 5 \end{aligned}$$

Sistemas Lineales (I)

Resuelva cada sistema de ecuaciones.

1. $b + v = 4$
 $2b + v = 6$

5. $4v + 6y = 38$
 $2v + 4y = 24$

2. $2x + 6y = 34$
 $5x + 4y = 30$

6. $v + 4x = 22$
 $6v + 6x = 42$

3. $6a + z = 29$
 $a + 3z = 19$

7. $5c + 4u = 39$
 $6c + u = 24$

4. $5c + v = 29$
 $5c + 2v = 33$

8. $a + z = 9$
 $a + 5z = 29$

Sistemas Lineales (I) Respuestas

Resuelva cada sistema de ecuaciones.

1. $b + v = 4$
 $2b + v = 6$
 $b = 2, v = 2$

5. $4v + 6y = 38$
 $2v + 4y = 24$
 $v = 2, y = 5$

2. $2x + 6y = 34$
 $5x + 4y = 30$
 $x = 2, y = 5$

6. $v + 4x = 22$
 $6v + 6x = 42$
 $v = 2, x = 5$

3. $6a + z = 29$
 $a + 3z = 19$
 $a = 4, z = 5$

7. $5c + 4u = 39$
 $6c + u = 24$
 $c = 3, u = 6$

4. $5c + v = 29$
 $5c + 2v = 33$
 $c = 5, v = 4$

8. $a + z = 9$
 $a + 5z = 29$
 $a = 4, z = 5$

Sistemas Lineales (J)

Resuelva cada sistema de ecuaciones.

1. $5x + 5z = 35$
 $x + 6z = 37$

5. $4x + 2y = 28$
 $6x + 6y = 48$

2. $c + 6v = 29$
 $2c + 5v = 30$

6. $6a + 6v = 48$
 $3a + 4v = 30$

3. $4b + 6z = 34$
 $5b + z = 23$

7. $5v + 5z = 20$
 $6v + z = 14$

4. $2a + 3y = 24$
 $4a + y = 18$

8. $3y + 3z = 24$
 $5y + 2z = 28$

Sistemas Lineales (J) Respuestas

Resuelva cada sistema de ecuaciones.

$$\begin{aligned} 1. \quad & 5x + 5z = 35 \\ & x + 6z = 37 \\ & x = 1, z = 6 \end{aligned}$$

$$\begin{aligned} 5. \quad & 4x + 2y = 28 \\ & 6x + 6y = 48 \\ & x = 6, y = 2 \end{aligned}$$

$$\begin{aligned} 2. \quad & c + 6v = 29 \\ & 2c + 5v = 30 \\ & c = 5, v = 4 \end{aligned}$$

$$\begin{aligned} 6. \quad & 6a + 6v = 48 \\ & 3a + 4v = 30 \\ & a = 2, v = 6 \end{aligned}$$

$$\begin{aligned} 3. \quad & 4b + 6z = 34 \\ & 5b + z = 23 \\ & b = 4, z = 3 \end{aligned}$$

$$\begin{aligned} 7. \quad & 5v + 5z = 20 \\ & 6v + z = 14 \\ & v = 2, z = 2 \end{aligned}$$

$$\begin{aligned} 4. \quad & 2a + 3y = 24 \\ & 4a + y = 18 \\ & a = 3, y = 6 \end{aligned}$$

$$\begin{aligned} 8. \quad & 3y + 3z = 24 \\ & 5y + 2z = 28 \\ & y = 4, z = 4 \end{aligned}$$